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DATE: 5/5/04
TO: Examiner Vuthe Siek
COMPANY: USPTO
FROM: Elena Saqellari
PAGES: 5 (including this page)

Examiner Vuthe Siek:

For the application S/N 10/047,976, we received a Notice of Allowance mailed on 3/12/2004. Thank you for this Notice of Allowance. However, please note that we submitted an IDS prior to the Notice of Allowance on 9/12/2003. This IDS was not made of record. We are including a 1449 Form from this IDS in this fax. Please review the references and make them of record by initialing and signing this 1449 Form. If you have any questions, please call me at the number below.

Regards,

Elena Saqellari

Stattler, Johansen & Adeli LLP
P.O. Box 51860
Palo Alto, CA 94303-0728

Phone No. (650) 752-0990 x110
Fax No. (650) 752-0995

Submitted on 5/13/04

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Based on PTO/SB-08 a & b (05-03)
 Approved for use through 05/31/2003. OMB 0651-0031
 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Application Number	10/047,976	
			Filing Date	1/13/02	
			First Named Inventor	Steven Teig	
			Group Art Unit	2825	
			Examiner Name	Vuthe, Siek	
			Attorney Docket Number	SPLX.P0084	
Sheet	1	of	3		

RELATED U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	U.S. Patent Document		Date of filing MMDD-YYYY	Name of Patentee or Applicant of Cited Document	Related Application Data
		Number				
	1.	2003/0079193		12-07-2001	Steven Teig et al.	Parent application of the parent application (2003/0088844) of the present application.
	2.	2003/0018947		12-07-2001	Steven Teig et al.	Application with some of the same parent provisional applications and with the same specification as the present application except for summary and abstract.
	3.	2002/0147958		10-19-2001	Steven Teig et al.	Parent application per the preliminary amendment dated 2/19/03.
	4.	2003/0063614		01-04-2002	Steven Teig et al.	Application with some of the same parent provisional applications and with the same specification as the present application except for summary and abstract.
	5.	2003/0064559		01-04-2002	Steven Teig et al.	Application with some of the same parent provisional applications and with the same specification as the present application except for summary and abstract.
	6.	2003/0063568		01-04-2002	Steven Teig et al.	Application with some of the same parent provisional applications and with the same specification as the present application except for summary and abstract.
	7.	2003/0101428		01-05-2002	Steven Teig et al.	Continuation of 2003/0079193.
	8.	2002/0166105		01-05-2002	Steven Teig et al.	Continuation of 2003/0079193.
	9.	2003/0043827		01-05-2002	Steven Teig et al.	Continuation of 2003/0079193.
	10.	2003/0023943		01-05-2002	Steven Teig et al.	Continuation of 2003/0079193.
	11.	2003/0066042		01-05-2002	Steven Teig et al.	Continuation of 2003/0079193.
	12.	2002/0174412		01-07-2002	Steven Teig et al.	Continuation of 2003/0079193.
	13.	2003/0088844		01-07-2002	Steven Teig et al.	Per the preliminary amendment dated 5/7/03, the present application is a continuation of 2003/0088844, which is a continuation of 2003/0079193.

Examiner Signature	Date Considered
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* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number(optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is in file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing the burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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			Filing Date	1/13/02	
			First Named Inventor	Steven Teig	
			Group Art Unit	2825	
			Examiner Name	Vuthe, Siek	
Sheet	2	of	3	Attorney Docket Number	SPLX.P0084

RELATED U.S. PATENT DOCUMENTS					
	14.	2002/0199165	01-13-2002	Steven Teig et al.	Continuation of 2003/0079193.
	15.	2003/0066043	01-13-2002	Steven Teig et al.	Continuation of 2003/0088844 per preliminary amendment.
	16.	2003/0056187	01-14-2002	Steven Teig et al.	Continuation of 2003/0079193.
	17.	2003/0066044	01-13-2002	Steven Teig et al.	Application with some of the same parent provisional applications and with the same specification as the present application except for summary and abstract.
	18.	2003/0066045	01-13-2002	Steven Teig et al.	Application with some of the same parent provisional applications and with the same specification as the present application except for summary and abstract.
	19.	2002/0133798	12-06-2000	Steven Teig et al.	Application regarding related placement technology
	20.	2002/0100007	12-06-2000	Steven Teig et al.	Application regarding related placement technology
	21.	2002/0073390	12-13-2000	Steven Teig et al.	Application regarding related placement technology
	22.	S/N 09/737,220	12-13-2000	Steven Teig et al.	Application regarding related placement technology
	23.	S/N 09/737,245	12-13-2000	Steven Teig et al.	Application regarding related placement technology
	24.	S/N 09/739,460	12-15-2000	Steven Teig et al.	Application regarding related placement technology
	25.	2002/0124231	12-15-2000	Steven Teig et al.	Application regarding related placement technology
	26.	S/N 09/739,589	12-15-2000	Steven Teig et al.	Application regarding related placement technology
	27.	S/N 09/742,171	12-19-2000	Steven Teig et al.	Application regarding related placement technology
	28.	2003/0121015	12-19-2000	Steven Teig et al.	Application regarding related placement technology
	29.	2002/0069397	01-13-2002	Steven Teig et al.	Application regarding related placement technology

Examiner Signature		Date Considered	
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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/047,976
				Filing Date	1/13/02
				First Named Inventor	Steven Teig
				Group Art Unit	2825
				Examiner Name	Vuthe, Siek
Sheet	3	of	3	Attorney Docket Number	SPLX.P0084

RELATED U.S. PATENT DOCUMENTS					
	30.	2002/0170027	02-20-2002	Steven Teig et al.	Application regarding related placement technology
	31.	2002/0157075	02-20-2002	Steven Teig et al.	Application regarding related placement technology
	32.	2003/0088841	12-23-2002	Steven Teig et al.	Application regarding related placement technology

Examiner Signature	Date Considered
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Serial/Patent No.: 10/046,926
Filing Date: 1/13/02
Atty Docket: SPLX.P0085
Applicant(s): Steven Teig

Atty/Sec'y: MA/ka
Date Mailed: 9/12/2003

TITLE: Routing Method and Apparatus

The following has been received by the U.S. Patent & Trademark Office on the date stamped hereon:

1. Transmittal Form
2. Information Disclosure Statement (2 pages)
3. Form PTO-1449 (3 page)
4. (32) cited references

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Serial/Patent No.: 10/047,976
Filing Date: 1/13/02
Atty Docket: SPLX.P0084
Applicant(s): Steven Teig

Atty/Sec'y: MA/ka
Date Mailed: 9/12/2003

TITLE: Method and Apparatus for Pre-Computing Routes

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1. Transmittal Form
2. Information Disclosure Statement (2 pages)
3. Form PTO-1449 (3 page)
4. (32) cited references

